

WARNING
KEEP OUT OF REACH OF CHILDREN

MERIT[®]

HERBICIDE

A selective pre-emergence herbicide for the control of some annual broad leaf weeds and grasses in Forage Brassicas, Maize, Sweetcorn and various Vegetable crops.

ACTIVE INGREDIENT:

MERIT contains 480 g/litre ALACHLOR in the form of an emulsifiable concentrate.

GROUP K3 HERBICIDE



AGRECOVERY
Rural Recycling Programme

Registered pursuant to ACVM Act 1997, approval No: P009486
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to HSNO Act 1996, Approval No: HSR000397

NET
CONTENTS:

20
Litres

Etec Crop Solutions Limited
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Phone: 0800 100 325
www.etec.co.nz

Etec
CROP SOLUTIONS

PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product **MUST NOT** be used for any purpose or in any manner contrary to the controls and conditions of registration.

This product **MUST** be under the control of an Approved Handler if used in a wide dispersive manner or applied by a commercial contractor.



HAZARD CLASSIFICATIONS: 3.1C, 6.1D, 6.3B, 6.4A, 6.5B, 6.7B, 6.9A, 9.1A, 9.2A, 9.3C
WARNING

Flammable liquid and vapour.
May be harmful if swallowed, inhaled or absorbed through the skin.
May cause eye and mild skin irritation.
May cause sensitization from prolonged skin contact.
Suspected of causing cancer.
May cause organ damage following repeated ingestion at high doses.
Very toxic to aquatic organisms with long lasting effects.
Very toxic to the soil environment.
Use this product carefully. Spray drift or equipment contamination may cause serious damage to desirable plants.
Do not allow spray drift outside the target area to occur.

PRECAUTIONS

Store in original container tightly closed, away from foodstuffs.
Keep away from flames, heat and other sources of ignition. In case of fire use dry chemical, water spray, foam, carbon dioxide. During a fire this product may release smoke and hazardous decomposition products. When fighting a major fire or in enclosed spaces wear an air-supplied respirator and full protective equipment.
When mixing or applying, wear overalls, chemical resistant boots and gloves, eye protection and respirator (organic vapour and particulate matter).
Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition.
Avoid contact with eyes and skin and inhalation of vapour or spray mist.
Wash splashes of concentrate from skin or eyes immediately.
If clothing becomes contaminated with product, remove clothing immediately.
Do not eat, drink or smoke while using.
Remove protective clothing and wash hands and face thoroughly before meals and after work. Clean protective clothing daily after work.
Apply with well-maintained and calibrated spray equipment.
Records of use **MUST** be kept.
Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409.
Avoid contamination of aquatic environments or water supply with product, spray drift or empty container.

CONTAINER DISPOSAL: Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

PRODUCT DISPOSAL: Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

FIRST AID

If swallowed DO NOT induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. DO NOT scrub the skin. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre 0800 POISON (0800 764 766) (24 hrs) or a doctor immediately for advice.

SPILLAGE:

Extinguish any ignition sources.
Exclude non-essential people from the area.
Wear protective clothing and prevent material from entering waterways.
Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

GENERAL INFORMATION: MERIT® is a selective pre-emergence herbicide for the control of certain annual broadleaf weeds and grasses. The addition of MERIT to partner herbicides will aid in the control of Spurrey in Forage Brassicas. MERIT must be applied after sowing (drilling) and before crop emergence. Weeds growing from old roots or from untreated soil e.g. under clods, rocks or soil clumps will not be controlled. Soil type and the availability of moisture will determine the level of weed control.

Weeds controlled

Annual Poa, Barnyard grass, Black nightshade, Bristle grass, Crowfoot grass, Fathen, Redroot, Summer grass and Witchgrass

When applied in mixtures with MAGISTER CS® improved control of Spurrey can be expected. MONARCH® may also be added to increase the spectrum of weeds controlled.

RESISTANCE MANAGEMENT

MERIT is a chloroacetamide (Group K3) herbicide that inhibits cell division. Naturally occurring weed biotypes resistant to this herbicide could develop. Excessive use of any herbicide may lead to the development of resistant weeds. Follow label directions and use in programmes with herbicides from a different action group. Avoid using MERIT with other group K3 herbicides. For further information see: www.resistance.nzpps.org

USE WARNING:

RAINFALL: Up to 13mm of rain or irrigation is required within 10 days of application to activate the herbicide.
SOIL INCORPORATION: If soils are very dry and rain is not expected within 10 days, surface blend to a depth of 25 - 50mm using a roller tiller or similar type equipment soon after application. Soil incorporation IS NOT recommended when sowing Forage Brassicas.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds

DIRECTIONS FOR USE

CROP	RATE PER HECTARE	CRITICAL COMMENTS
Cucurbits, Squash and Pumpkins	2 - 4 litres in 200 - 400 litres of water/ha	Use the higher rate on soils high in organic matter or clay content. Crop injury may result from higher rates on light textured soils, shallow seeding or heavy rain immediately after application. Do not surface blend
Kumara	4 litres in 200 - 400 litres of water/ha	Apply immediately after planting.
Maize Sweetcorn	7 litres in 200 - 400 litres of water/ha	Alternatively use 5.5 - 7 litres plus 2 - 3.5 litres of atrazine 500 g/L. The higher rate should be used on soils high in clay or organic matter. The addition of atrazine will extend the spectrum of weeds controlled. Do not apply after the crop has emerged as injury may result.
Onions	3-5 litres in 200 - 400 litres of water/ha	Apply after the crop has two true leaves and prior to emergence of grass weeds. Use the higher rate on soils high in organic matter or clay content
Vegetable brassicas - Brussel sprouts and cauliflower transplants.	6 litres in 200 - 400 litres of water/ha	Apply immediately after transplanting.

The following recommendations for use on Forage Brassica are based on intellectual property developed by ETEC Crop Solutions Limited and are © Copyright of Etec Crop Solutions Limited (2016), all rights reserved. The directions for use, recommendations, use rates, compatibilities and other technical information is proprietary to Etec Crop Solutions

Forage Brassicas	2.5 - 3 litres in 200- 400 litres of water/ha Recommended for use as a tank mixing partner to MAGISTER CS and/or MONARCH	Apply to a firm fine seed bed as an evenly applied broadcast spray after the crop has been sown and before emergence. On Ridged crops do not spray until after the ridges have been formed and preferably rolled with a 'Cambridge Roller' to compact the seed bed to be treated. Excess surface water or heavy rainfall soon after application may cause crop damage so avoid application where these conditions are likely to occur. Follow the label directions for the tank mix herbicide at all times. DO NOT use soil incorporation. DO NOT use on very light soils CEC<10. DO NOT use on very wet soils or under cold conditions i.e. late autumn /winter when conditions are not conducive to crop emergence and crop growth will be slow. DO NOT apply to shallow seeded (<5 mm) or broadcast seeded crops as seed germination may be affected.
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APPLICATION METHODS

Use conventional boom spraying equipment fitted with fan tip nozzles. Use a spray pressure of 200-280 kPa and a water rate of 200 - 400 litres per hectare. Flush out spray equipment thoroughly following use. Use ALL CLEAR® 2X Spray Tank Decontaminator in water then finally flush with clean water.

COMPATIBILITY: Compatible with most commonly used herbicides.

STORAGE:

Store in the original, tightly closed container, in a secure, dry, cool and well vented area away from foodstuffs, seeds, and fertilisers.
Storage must be in accordance with NZS 8409 Management of Agrichemicals. See Safety Data Sheet for additional storage information. Stores containing quantities of 100 litres or more require signage and secondary containment. Stores with more than 500 litres require fire extinguishers.

EXCLUSION OF LIABILITY: PLEASE READ

Please read these conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened.

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

SAFETY DATA SHEET

If additional hazard or safety information is required, refer to the Safety Data Sheet. For a copy visit our website at www.etec.co.nz

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BATCH NO
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UN 1993
FLAMMABLE LIQUID N.O.S. (CHLOROBENZENE)
PACKING GROUP III HAZCHEM CODE 3Y1 MARINE POLLUTANT
IN A TRANSPORT EMERGENCY CALL 111. POLICE OR FIRE BRIGADE.
IN A FIRE EVACUATE AND CALL 111 FIRE BRIGADE.
FOR 24 HOUR SPECIALIST ADVICE IN AN EMERGENCY ONLY CALL:
0800 CHEM CALL 0800 243 622